

666,010  
EAST

L Number	Hits	Search Text	DB	Time stamp
1	1495	immunopotentis\$10	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:06
2	6956	immunostim\$10	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:07
3	10445	immunomod\$10	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:07
4	16961	immunopotentis\$10 or immunostim\$10 or immunomod\$10	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:07
5	341706	peptide or polypeptide or protein\$10	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:08
6	650	((immunopotentis\$10 or immunostim\$10 or immunomod\$10 ) near (peptide or polypeptide or protein\$10 )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:12
7	48969	(stimul\$10 or modulats\$10 or enhanc\$10 or activat\$5 or potenti\$10) with immun\$15	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:10
8	574052	blood or serum or plasma	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:11
9	77245	((peptide or polypeptide or protein\$10 ) or ((immunopotentis\$10 or immunostim\$10 or immunomod\$10 ) near (peptide or polypeptide or protein\$10 )))same (blood or serum or plasma )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:14
10	131453	((peptide or polypeptide or protein\$10 ) or ((immunopotentis\$10 or immunostim\$10 or immunomod\$10 ) near (peptide or polypeptide or protein\$10 )))same (blood or serum or plasma ) wrong	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:15
11	11553	((immunopotentis\$10 or immunostim\$10 or immunomod\$10 ) near (peptide or polypeptide or protein\$10 ) or ((stimul\$10 or modulats\$10 or enhanc\$10 or activat\$5 or potenti\$10) with immun\$15)) same (blood or serum or plasma )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:15
12	626819	((((immunopotentis\$10 or immunostim\$10 or immunomod\$10 ) near (peptide or polypeptide or protein\$10 ) or ((stimul\$10 or modulats\$10 or enhanc\$10 or activat\$5 or potenti\$10) with immun\$15)) same (blood or serum or plasma ) correct	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:15
13	2135	((424/531).CCLS.) or ((514/885).CCLS.) or ((530/830).CCLS.) or ((424/278.1).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:17
14	430	((((immunopotentis\$10 or immunostim\$10 or immunomod\$10 ) near (peptide or polypeptide or protein\$10 ) or ((stimul\$10 or modulats\$10 or enhanc\$10 or activat\$5 or potenti\$10) with immun\$15)) same (blood or serum or plasma ) and ((424/531).CCLS.) or ((514/885).CCLS.) or ((530/830).CCLS.) or ((424/278.1).CCLS.) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/25 13:17

666,010  
VETU

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptau182das

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 4 Apr 09 ZDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 28 Oct 21 EVENTLINE has been reloaded  
NEWS 29 Oct 24 BEILSTEIN adds new search fields  
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
  
NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:26:00 ON 25 OCT 2002

=> help files

The FILE command is used to select the file (database) for search, display, and printing. To use this command, enter "FILE" and the name of the file. Subsequent SEARCH, DISPLAY, PRINT, and ACTIVATE commands will be executed in this file until the next FILE command.

When you log in, you are automatically in the HOME file. Use the FILE command to change to another file. Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of the files that are available. For general information on the current file, enter "HELP CONTENT".

The costs of an online session can be designated, on your monthly invoice, as being associated with a particular individual or group. For information on this feature, enter "HELP FILE COST" at an arrow prompt (=>).

=> help file names

The following files are available:

1MOBILITY	- Global Mobility Database from 1906-present
2MOBILITY	- Global Mobility Standards Database
ABCD	- German Manufacturers: ABC der Deutschen Wirtschaft
ADISALERTS	- Adis LMS Drug Alerts 1983-present
ADISINSIGHT	- Adis R&D Insight 1986-present
ADISNEWS	- Adis Newsletters 1983-present
AEROSPACE	- Aeroplus Access Database 1962-present
AGRICOLA	- AGRICulture OnLine Access from 1970 - present
ALFRAC	- Aluminum Fracture Toughness Data Base
ALUMINIUM	- Aluminium Industry Abstracts 1968 to the present
ANABSTR	- Analytical Abstracts
AQUASCI	- Aquatic Sciences & Fisheries Abstracts 1978-present
AQUIRE	- Acquatic Toxicity Information Retrieval
ASMDATA	- Materials Database
BABS	- BEILSTEIN Abstracts 1980-present
BEILSTEIN	- BEILSTEIN File of Organic Compounds
BIBLIODATA	- GERMAN NATIONAL BIBLIOGRAPHY FROM 1945 - PRESENT
BIOBUSINESS	- BioBusiness/RN from 1985 - present
BIOCOMMERCE	- Biocommerce Abstracts and Directory 1981-present
BIOSIS	- The BIOSIS Previews(R)/RN File 1969-present
BIOTECHABS	- Derwent Biotechnology Resource 1982-present
BIOTECHDS	- Derwent Biotechnology Resource 1982-present (Subsc.)
BIOTECHNO	- BIOTECHNOBASE 1980 to the present
BLLDB	- LINGUISTIC LITERATURE from 1971-present
CA	- The Chemical Abstracts File 1947-present
CABA	- CAB ABSTRACTS 1973-present
CANCERLIT	- Cancer Literature Online 1963-present
CAOLD	- The pre-1967 Chemical Abstracts File
CAPLUS	- The Chemical Abstracts Plus File 1947-present
CASREACT	- The Chemical Abstracts Reaction Search Service
CBNB	- Chemical Business NewsBase from 1984-present
CEABA-VTB	- Chem Eng and Biotech Abstr - Verfahrenstechn Ber 1966-
CEN	- Chemical & Engineering News 1990-January 2001
CERAB	- Ceramic Abstracts from 1976
CFR	- Code of Federal Regulations 1997 - present
CHEMCATS	- CHEMICAL CATALOGS ONLINE 1993-1997
CHEMINFORMRX	- The CHEMINFORMRX Reaction Search Service

CHEMLIST	- Regulated Chemicals Listing
CHEMREACT	- The CHEMREACT Reaction Search System
CHEMSAFE	- CHEMSAFE - chemical safety information
CIN	- The Chemical Industry Notes File for 1974-present
COMPENDEX	- COMPENDEX*PLUS File from 1970 - present
COMPUAB	- Computer & Information Systems Abstracts 1981-present
COMPUSCIENCE	- Computerscience from 1972-present
CONF	- Conferences in Energy, Physics, Mathematics etc.
CONFSCI	- Conference Papers Index from 1973-present
COPPERDATA	- Copper and Copper Alloy Standards and Data
COPPERLIT	- Copper Literature Database
CORROSION	- Corrosion Abstracts 1980 to the present
CROPB	- Derwent Crop Protection File 1968 - 1984
CROPR	- Derwent Crop Protection Registry
CROPU	- Derwent Crop Protection File 1985 - present
CSCHEM	- ChemSources - USA and International (Chemicals)
CSCORP	- ChemSources - USA and International (Company Directory)
CSNB	- Chemical Safety News Base from 1981-present
DDFB	- Derwent Drug File, Backfile 1964 - 1982
DDFU	- Derwent Drug File from 1983 - present
DEMAS	- German Trademarks 1894 - Present
DETHERM	- DETHERM-DECHEMA thermophysical property database
DGENE	- Derwent Geneseq Database 1981 - present
DIOGENES	- FDA Regulatory Updates 1976-present
DIPPR	- AIChE Design Inst. Physical Property Data File
DJSMDS	- Derwent Reaction Search Service DJSM (Subscribers)
DJSMONLINE	- Derwent Reaction Search Service DJSM
DKF	- The German Automotive Engineering Database 1974-date
DKILIT	- The DKI Literature Database on Polymers from 1973-pres
DPCI	- Derwent Patents Citation Index 1978 to present
DRUGB	- Derwent Drug File, Backfile 1964 - 1982 (Subscribers)
DRUGLAUNCH	- IMSworld Drug Launches from 1982-present
DRUGMONOG	- IMSworld Drug Monographs 1960s-present (with prices)
DRUGMONOG2	- IMSworld Drug Monographs 1960s-present (without prices)
DRUGNL	- IMSworld Drug News from 1991-present
DRUGPAT	- IMSworld Drug Patents International from 1987-present
DRUGU	- Derwent Drug File from 1983-present (Subscribers)
DRUGUPDATES	- IMSworld Drug Updates from 1977-present
ELCOM	- Electronics & Communications Abstracts 1981-present
EMA	- Engineered Materials Abstracts File from 1986-present
EMBAL	- EMBASE Alert
EMBASE	- EMBASE File from 1974-present
ENCOMPLIT	- EnCompass Literature File 1964-present (Supporters)
ENCOMPLIT2	- EnCompass Literature File 1964-Present (Non-Supporters)
ENCOMPAT	- EnCompass Patent File 1964-present (Supporters)
ENCOMPAT2	- EnCompass Patent File 1964-Present (Non-Supporters)
ENERGY	- DOE ENERGY file from 1974-present
ENTEC	- FIZ Karlsruhe and FIZ Technik Energy file from 1964-pr
ESBIOBASE	- Elsevier Biobase 1994 to the present
EUMAS	- European community trademarks 1996 - Present
EUROPATFULL	- European (EP) Patents full text from 1996 - present
EUROPEX	- ABC Europe Production Europex
EVENTLINE	- Medical, biotechnical and scientific events 2000-
FEDREGFULL	- Federal Register Oct. 1997-present
FEDRIP	- Federal Research in Progress Database
FOMAD	- International Food Market Data 1982 to present
FOREGE	- Foodline: Current Food Legislation
FORIS	- Research in social sciences from 1999 - 2000
FORKAT	- BMBF Foerderkatalog
FROSTI	- Foodline: Food Science and Technology 1972 to present
FSTA	- Food Science Technology Abstracts from 1969 - present
GENBANK	- Genetic Sequence Data Bank
GEOREF	- GeoRef - Geological Reference File from 1785-present
GMELIN	- Gmelin Handbook of Inorganic Chemistry

HCA	- CA File with hour-based pricing
HCAOLD	- Pre-1967 CA File with hour-based pricing
HCAPLUS	- CAPLUS File with hour-based pricing
HCHEMLIST	- Regulated Chemicals Listing with hour-based pricing
HCIN	- The CIN File for 1974-present with hour-based pricing
HEALSAFE	- Health and Safety Science Abstracts 1981-present
HODOC	- CRC HANDBOOK of DATA on ORGANIC COMPOUNDS, 2nd Edition
HOME	- The default login file. Contains no data.
HSDB	- Hazardous Substances Databank
ICONDA	- International Construction Database from 1976-present
ICSD	- ICSD - Inorganic Crystal Structure Data File
IFICDB	- The IFI Comprehensive Database from 1950-present
IFICLS	- The IFI Current Patent Legal Status Database
IFIPAT	- The IFI Patent Database from 1950-present
IFIREF	- The IFI Uniterm and U.S. Class Reference File
IFIUDB	- The IFI Uniterm Database from 1950-present
IMSDRUGCONF	- IMSworld Pharmaceutical Meetings Diary
IMSPROFILES	- IMSworld Pharmaceutical Company Profiles
INFODATA	- Information Science and Work from 1976 to present
INIS	- International Nuclear Information System 1970-present
INPADOC	- The International Patent Database from 1968-present
INSPEC	- INSPEC2 File from 1969 - present
INSPHYS	- INSPHYS - Inspec Phys Supplement Backfile (1979 - 1994
INVESTEXT	- INVESTEXT from 1982 to present
IPA	- International Pharmaceutical Abstracts 1970-present
IRMAS	- International Register Trademarks 1946 to the present
ISMEC	- ISMEC - Mechanical Engineering Abstracts
ITRD	- International Transport Research Documentation 1972-da
JAPIO	- JAPIO - Japanese Patents from 1976 - present
JICST-EPLUS	- JICST-EPlus File on Sci. & Tech. in Japan 1985-present
KOSMET	- Cosmetic & Perfume Science & Technology 1968-present
LBIBLIO	- Bibliodata learning File
LCA	- The CA Learning File
LCASREACT	- The CAS Reaction Search Service Learning File
LDPCI	- Derwent Patents Citation Index Learning File
LDRUG	- Derwent Drug Learn File
LEMBASE	- The EMBASE Learning File
LIFESCI	- CSA Life Sciences Collection from 1978-present
LINSPEC	- Learning INSPEC File
LMARPAT	- The CAS Patent Markush Learning File
LMEDLINE	- The MEDLINE Learning File
LPATDPA	- The PATDPA Learning File
LREGISTRY	- The Registry Learning File.
LWPI	- Derwent World Patents Index Learning File
MARPAT	- The CAS Patent Markush File 1988-present
MARPATPREV	- Preview File for the CAS Patent Markush File
MATBUS	- Materials Business File from 1983-present
MATH	- Zentralblatt fuer Mathematik from 1972-present
MATHDI	- Zentralblatt fuer Didaktik der Mathematik 1976-present
MDF	- Metals Datafile
MEDICNF	- Medical Conferences and Events worldwide
MEDLINE	- MEDlars onLINE File from 1960 - present
METADEX	- METADEX File from 1966-present
MRCK	- The Merck Index Online (SM)
MSDS-CCOHS	- CCOHS Material Safety Data Sheets
MSDS-OHS	- Material Safety Data Sheets - OHS
NAPRALERT	- Natural Products Alert Database
NIOSHTIC	- NIOSHTIC 1973-present
NLDB	- Newsletter Database from 1988 - present
NTIS	- U.S. Government Reports Announcements 1964-present
NUMERIGUIDE	- Property Hierarchy and Directory for Numeric Files
NUTRACEUT	- Nutraceuticals International 1996 to the present
OCEAN	- Oceanic Abstracts from 1964 - current
PAPERCHEM2	- Elsevier Engineering Information, Inc. File 1967 - pre

PASCAL	- PASCAL 1984 to the present
PATDD	- East German Patents from 1982-present
PATDPA	- The German Patent Database from 1968-present
PATIPC	- International Patent Classification and Catchword Inde
PATOSDE	- German Patents and Utility Models from 1968-present
PATOSEP	- Patents of European Patent Office from 1978-present
PATOSWO	- PCT Patents from 1983-present
PCTFULL	- WIPO/PCT Patents full text
PDLCOM	- PDL Chemical & Environmental Compatibility of Plastics
PHAR	- Pharmaprojects drug development status file
PHARMAML	- Pharma Marketletter 1992 to the present
PHARMASEARCH	- IMSworld Pharmaceutical Company Directory
PHIC	- Pharmaceutical & Healthcare Industry News (Current)
PHIN	- Pharmaceutical & Healthcare Industry Names (Archived)
PIRA	- PIRA & PAPERBASE Database from 1975
PLASNEWS	- The PLASPEC Daily News File
PLASPEC	- Plastics Materials Selection Database
POLLUAB	- Pollution Abstracts from 1970-present
PROMT	- PROMT from 1978 - present
RAPRA	- Rubber, Plastics, Polymer Composites 1972 - present
REGISTRY	- The CAS Registry File of substances
RSWB	- Regional planning and building construction
RTECS	- Registry of Toxic Effects of Chemical Substances
RUSSCI	- Russian Scientific News
SCISEARCH	- ISI Science Citation Index from 1974 - present
SIGLE	- Grey Literature in Europe from 1976 - present
SOLIDSTATE	- Solid State and Superconductivity Abstracts from 1981
SOLIS	- German literature in social sciences 1945-present
SPECINFO	- Spectral Database Information System
STANDARDS	- The International Standards Database
STNGUIDE	- Descriptive information about STN databases
STNMAIL	- STN Electronic Mail Service
SWETSCAN	- Swets Table of Contents from 1993 - present
SYNTHLINE	- Synthline Drug Synthesis Database 1984-present
TEXTILETECH	- Textile Technology Digest from 1978 to the present
TIBKAT	- Catalogue of Technical Information Library in Hannover
TOXCENTER	- Toxicology Center from 1907 - present
TRIBO	- TRIBOLOGY INDEX (Friction,Wear,Lubrication) 1972-pres.
TULSA	- Petroleum Abstracts 1965-present
TULSA2	- Petroleum Abstracts 1965-present (Non-subscribers)
UFORDAT	- Environment Research in Progress from 1974 - present
ULIDAT	- Environmental Literature from 1976-present
USAN	- USAN - United States Adopted Names
USPAT2	- U.S. Patents Latest Publications from 2001 - present
USPATFULL	- U.S. Patents Original Publications from 1971 - present
VETB	- Derwent Veterinary Drug File 1968 - 1982
VETU	- Derwent Veterinary Drug File 1983 - 2001
WELDASEARCH	- Weldasearch 1967 to the present
WORLDCAT	- OCLC Union Catalog (of library holdings)
WPIDS	- Derwent World Patents Index 1963 - present (Subscr.)
WPINDEX	- Derwent World Patents Index 1963 - present
WPIX	- DERWENT WPI WITH EXTENSION ABSTRACTS 1963 - PRESENT
WSCA	- World Surface Coatings Abstracts 1976 - present
WTEXTILES	- WORLD TEXTILES 1970 TO THE PRESENT
ZCA	- CA File with zero connect hour pricing
ZCAPLUS	- CAPLUS File with zero connect hour pricing
ZREGISTRY	- Zero connect hour REGISTRY

To look at detailed information about a file, first access that file using the FILE command. Enter "HELP CONTENT" at an arrow prompt (=>) for a general description of the file. Enter "HELP DIRECTORY" for a list of help messages available for that file. The database summary sheet is also available for the file in STNGUIDE. Enter "FILE STNGUIDE" at an arrow prompt (=>), then search the file name in the

/DBN search field. You can then display the search fields, display fields, file content, sources, etc.

All files are available for multiframe searching except HOME, NUMERIGUIDE, STNGUIDE, STNMAIL, and the Learning Files.

=> file vetu

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.26

1.26

FILE 'VETU' ENTERED AT 12:29:40 ON 25 OCT 2002

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FILE LAST UPDATED: 02 JAN 2002

<20020102/UP>

FILE COVERS 1983-2001

=> s immunostimul? or immunopotenti? or immunoenhanc?

2645 IMMUNOSTIMUL?

53 IMMUNOPOTENTI?

7 IMMUNOENHANC?

L1 2662 IMMUNOSTIMUL? OR IMMUNOPOTENTI? OR IMMUNOENHANC?

=> s peptide or polypeptide or protein

735 PEPTIDE

343 PEPTIDES

888 PEPTIDE

(PEPTIDE OR PEPTIDES)

170 POLYPEPTIDE

144 POLYPEPTIDES

270 POLYPEPTIDE

(POLYPEPTIDE OR POLYPEPTIDES)

9227 PROTEIN

1652 PROTEINS

9877 PROTEIN

(PROTEIN OR PROTEINS)

L2 10528 PEPTIDE OR POLYPEPTIDE OR PROTEIN

=> l1(w)l2

L1(W)L2 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s l1(w)l2

L3 3 L1(W)L2

=> d l3 1-3 bib ab

L3 ANSWER 1 OF 3 VETU COPYRIGHT 2002 THOMSON DERWENT

AN 1999-63635 VETU

TI Effects of supplementing the feed to Atlantic cod (*Gadus morhua*) fry with lactic acid bacteria and immuno-stimulating peptides during a challenge trial with *Vibrio anguillarum*.

AU Gildberg A; Mikkelsen H

CS Norwegian-Inst.Fish.+Aquacult.

LO Tromsø, Nor.

SO Aquaculture (167, No. 1-2, 103-13, 1998) 4 Fig. 1 Tab. 19 Ref.

CODEN: AQCLAL

AV Norwegian Institute of Fisheries and Aquaculture, 9005 Tromsø, Norway.

(email: asbjg@fiskforsk.norut.no).

LA English

DT Journal

FA AB; LA; CT

AB The effect of a lactic acid bacteria (LAB) and **immunostimulating peptide** (fish protein hydrolysate) supplement on the response of Atlantic cod fry to a *Vibrio anguillarum* challenge is reported. In-vitro, the growth of *V. anguillarum* was inhibited by *Carnobact. divergens* isolated from cod and salmon. Feeding LAB and/or peptides had no effect on growth rates. Feeding LAB from both sources resulted in high pyloric ceca colonization and a significant number of LAB survived GI passage but only salmon LAB resulted in intestinal colonization. LAB from salmon and immunostimulating peptides reduced the cumulative mortality rate by day 12 but not by day 24 post-infection. There was no synergism or cumulative effects with LAB plus peptides.

L3 ANSWER 2 OF 3 VETU COPYRIGHT 2002 THOMSON DERWENT

AN 1994-63790 VETU

TI *Salmonella enteritidis* infection in poultry: current situation, diagnosis and control.

(*Salmonella enteritidis* infecties bij pluimvee: probleemstelling, diagnose en bestrijding)

AU Desmidt M; Ducatelle R; Haesbrouck F

CS Univ. Ghent

LO Ghent, Belg.

SO Vlaams Diergeneesk. Tijdschr. (63, No. 5, 133-38, 1994) 50 Ref.

CODEN: VDTIAX

AV Technical Group for Pathology, Bacteriology and Poultry Diseases, Veterinary Faculty, State University of Ghent, Belgium.

LA Flemish

DT Journal

FA AB; LA; CT

AB Since 1987 there has been a considerable increase in *Salm. enteritidis* infections in poultry in Europe and the U.S.A. with a concomitant increase in the incidence of human salmonellosis. This review surveys the epidemiology and the course of *Salm. enteritidis* infection and colonization in poultry, bacterial and serological methods of diagnosis and measures for prevention and control of the infections. The use of different vaccines, probiotics based on microbiological preparations, effects of feed constituents and the problems of antibiotic therapy are discussed in the context of control of infection. The emergence of programs for monitoring and control of *S. enteritidis* and *S. typhimurium* infection in poultry within the EU is cited.

L3 ANSWER 3 OF 3 VETU COPYRIGHT 2002 THOMSON DERWENT

AN 1993-60685 VETU

TI Biologically Active Peptides from Milk Proteins with Emphasis on Two Examples Concerning Antithrombotic and Immunomodulating Activities.

AU Fiat A M; Migliore Samour D; Jolles P; Drouet L; Bal Dit Sollier C; Caen J

LO Paris, Fr.

SO J. Dairy Sci. (76, No. 1, 301-10, 1993) 2 Fig. 2 Tab. 43 Ref.

CODEN: JDSCAE

AV Laboratoire des Proteines, Centre National de la Recherche Scientifique, URA 1188, University of Paris V, 45 rue des Saints-Peres, F-75270 Paris Cedex 06, France.

LA English

DT Journal

FA AB; LA; CT

AB The isolation and activity of peptides from human and bovine milk proteins are reviewed. Peptides discussed include opioid peptides (beta-casomorphins, morphiceptin, exorphins, alpha-lactorphin and beta-lactorphin), opioid antagonist peptides (casoxin-A, -B, -C), ACE-inhibitor peptides (alpha-S1-casein, bovine beta-casein; CEI-12, -5, -beta-7), **immunostimulating peptides** (VEPIPY, GLF, LLY, TTMLPW, casomorphin-1-7, -1-8), casein phosphopeptides (CPP) and antithrombotic peptides (bovine kappa-casein and human fibrinogen alpha and lactotransferrin subunits). Peptides that inhibit acid and gastrin



secretion, stimulate DNA synthesis, inhibit chymosin activity and that have bactericidal activity were mentioned. (congress).

=> file vetb

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.75

7.01

FILE 'VETB' ENTERED AT 12:32:46 ON 25 OCT 2002

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FILE LAST UPDATED: 25 SEP 94

<940925/UP>

FILE COVERS 1968-1982

=> s 13

190 IMMUNOSTIMUL?

5 IMMUNOPOTENTI?

0 IMMUNOENHANC?

294 PEPTIDE

2 PEPTIDES

294 PEPTIDE

(PEPTIDE OR PEPTIDES)

10 POLYPEPTIDE

1940 PROTEIN

92 PROTEINS

1956 PROTEIN

(PROTEIN OR PROTEINS)

L4

0 L1(W)L2

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.76

7.77

STN INTERNATIONAL LOGOFF AT 12:32:58 ON 25 OCT 2002